REMARKS

Claims 1-11, and 16-20 are presently pending. Claim 21 is added. Continued Examination is respectfully requested.

Claims 1-11 and 16-20 were rejected under 35 U.S.C. § 103(a) as being obvious from the combination of Kono and Adolph. Claim 1 recites, among other limitations, "a FIFO for storing indicators indicating images to be displayed". Examiner has indicated that "Kono does not particularly teach a queue comprises a FIFO for storing indicators indicating images to be displayed". Previous Office Action, at 3.

However, Examiner has indicated that Adolph teaches a memory (16 of fig. 7) for storing indicators (A,B,C, 16 of fig. 7) indicating images to be displayed, which is the same function as a FIFO for storing indicators indicating images to be display (130 of fig. 1 of the present invention; see [0032]), the memory (16 of fig. 7) stores the indicators on a particular order (A, B, and C order), and wherein the display engine displays the picture associated with the indicators in an order corresponding to the order that the indicators are stored in the queue (fig. 8, note updating the corresponding entry for the decoded video frame in a table with the following information items: a reference to the frame memory in which the decoded video frame is stored, follow up information regarding the displaying status of the video frames in the frame memories)."

Assignee respectfully traverses. First, it is noted that memory unit 16 does not even "stored indicators". "[M]emory unit 16 … contains the three aforementioned frame memories, A, B, and C." Adolph, Col. 7, Lines 35-36. It is noted that "A, B, and C" as used in the foregoing, and as

7

would be understood by those skilled in the art are reference labels to individual frame memories in Figure 7. The foregoing would not be understood to mean that memory unit 16 actually stores an "A", a "B", and a "C".

Additionally, Assignee disagrees with Examiner's characterization of Specification, paragraph 0032, which speaks for itself:

> [0032] In order for the display engine 120 to select the correct images from the frame buffers 125a, the decoder 115 parses the parameters 105b associated with each image 105a and generates a FIFO queue 130. The FIFO queue 130 is a queue that indicates the display order of the images, wherein each element in the FIFO queue 130 indicates the frame buffer 125a storing the next image to be displayed.

Even if, for the sake of argument, memory unit 16 was held to "store indicators", memory unit 16 is not, and does not perform the same function as a FIFO. A FIFO by definition is a structure that operates on a First In First Out Basis. Adolph does not provide any teaching that memory unit 16 operates on a First In First Out (FIFO) basis.

Assignee calls Examiner's attention to Figure 5. "The display order of the pictures is illustrated in the line designated by DIO. The line bearing the reference symbol DEO once again shows the decoding order of the pictures, that is to say the order in which the pictures occur in the bit stream. The line which is designated by the reference symbol FM respectively specifies the frame memory to which the decoded picture located underneath is written."

It can be seen from Figure 5, that B1 is written to frame memory C <u>after</u> P3 is written to frame memory B. However, B1 is displayed and overwritten by B2 before P3 is

displayed. Thus, clearly "16 of fig. 7" does not have a First In First Out operation and is not a "FIFO" as claimed in independent claims 1, 5, 8, and 11. Accordingly, for this reason alone, Examiner is requested to withdraw the rejection to claims 1, 5, 8, and 11, as wells to dependent claims 2-4, 6, 7, 9, 10, and 16-20.

Claim 16 recites, among other limitations, "wherein the FIFO stores the indicators in a particular order, and wherein the display engine displays the images associated with the indicators in an order corresponding to the order that the indicators are stored in the FIFO".

Examiner has indicated that Adolph teaches "the display engine displays the picture associated with the indicators in an order corresponding to the order that the indicators are stored in the queue (fig. 8, note updating the corresponding entry for the decoded video frame in a table with the following information items: a reference to the frame memory in which the decoded video frame is stored, follow up information regarding the displaying status of the video frames in the frame memories)."

Assignee respectfully traverses the rejection and notes that merely "updating the corresponding entry for the decoded video frame in a table with the following information items: a reference to the frame memory in which the decoded video frame is stored, follow up information regarding the displaying status of the video frames in the frame memories" simply does not read on "wherein the display engine displays the images associated with the indicators in an order corresponding to the order that the indicators are stored in the FIFO". Assignee respectfully submits that the Table in Adolph, Figure 8, does not even

indicate the display order of the frames. Accordingly, Assignee respectfully traverses the rejection to claim 16.

Claim 21 is added and recites, among other limitations, "wherein the FIFO stores the indicators in the particular order prior to the display engine displaying the images associated with the indicators in the order corresponding to the order that the indicators are stored in the FIFO". Even if "follow up information regarding the displaying status of the video frames in the frame memories)" is held to store the display order of the frames, Adolph does not teach "wherein the FIFO stores the indicators in the particular order *prior to* the display engine displaying the images associated with the indicators in the order corresponding to the order that the indicators are stored in the FIFO".

Accordingly, Allowance for claim 21 is respectfully requested, notwithstanding claims 1-20.

CONCLUSION

For at least the foregoing reasons, Assignee submits that each of the pending claims are now in a condition for allowance. Accordingly, Examiner is requested to pass this case to issuance.

It is believed that all monies for the actions described herein are provided with this correspondence. To the extent that additional monies are required for any of the actions requested in the correspondence, Commissioner is authorized to charge such fees and credit any overpayments to deposit account 13-0017.

Respectfully Submitted

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Mirut Dalal
Attorney for Assignee
Reg. No. 44,052

McAndrews, Held & Malloy, Ltd.
500 West Madison – Suite 3400
Chicago, IL 60661
Phone (312) 775-8000
FAX   (312) 775-8100